85. The localities where the different methods are applied are briefly :— Ploughing and sowing in furrows take place in the bábul coupes exploited during the year, the soil being black and soft. Sowing in pits is undertaken in hard and murum soil, and on hill slopes, seeds sown in pits on the shady side of Euphorbia cactus and other thorny bushes have been remarkably successful even in the more arid parts of the divisions. Sowing in seed-beds or patches is adopted in the Sátára Division in the exploited teak coupes of the year as well as in other forest areas : and broad-casting is spread as usual over hill slopes treated for reboisement. The results have not been satisfactory owing to the unfavourable circumstances of the year, but the Divisional Forest Officer, Sátára, reports about the dibbling in bushes and the sowings made in patches in the following words.

"From reports received from the Range Forest Offieers and from what the Divisional Forest Officer has personally seen, the best results so far obtained are from 'patches' and 'dibbling in bushes.' The 'patches' are a treat to be seen and are written most enthusiastically by Range Forest Officers. The germination has been most successful and there is scarcely a patch that has not got its little cluster of 6 or 8 little teak seedlings, and as these patches have been made at intervals of 8 paces or about 20 feet apart, over the whole area of the coupes, the coupes are now well stocked with on the average 100 seedlings per acre."

(3).—*Early Thinnings.*

86. The forests in the Deccan are not yet so thickly stocked with trees as to allow the cutting of young and immature trees for the purpose of improving the growth of trees by thinning. Thinnings are sometimes required to be made along cart tracks and foot-paths passing through forests, and this work is generally performed by Forest Guards.

(4.)—*Other Operations for the improvement of Growing Stock.*

87. These operations consisted of eradicating the peerul creeper (Combretum) from the bábul reserves of the Bhusával Range of the East Khándesh Division, and the cutting of creepers generally in the forests of all other divisions.

88. Considerable activity has also been displayed in eradicating "prickly-pear", Opuntia dillenii; and the table below will show the extent of the work during the year, by paid-labour, as well as by Forest Guards :—

No.	Division.	By paid labour.	Cost.	By Guards.
		Area in acres.		Area in acres.
1	East Khándesh	...	...	.....
2	West Khándesh	...	...	.....
3	Násik	570	576	.....
4	Ahmednagar	4	574	963 Cart-loads.
5	Poona	...	...	.....
6	Sátára	17	540	.....
7	Sholápur	2	222	7
	Total ...	593	1,912	7 Acres. 963 Cart-loads.

(5).—*Experiments.*

89. In East Khándesh a few sucker plants of Millingtonia hortensis were obtained from Poona and were planted on the forest boundary lines, but they failed to survive the hot weather.

90. A small quantity of seeds of the Lagerstrœmia flos reginæ received from Assam was sown in the Dhulia and Dahiwel nurseries of the West Khándesh Division, and the young plants are reported to be thriving.

91. Cypress seed sown in the garden of the Divisional Forest Office at Násik did not germinate.

92. No new exotics were tried in the Poona Division; but of those planted or sown in the previous year, the date palm has all died; anjan (Hardwickia binata) seeds brought from Khándesh and sown in the Bhamburda closed forest geminated freely, and the plants are alive, but they grow very slowly.

93. In the Sátára Division large quantities of Grevillia robusta and Casuarina seedlings were raised in the Lingmalla Nursery for furture transplantation. The Grevillia seedlings showed a most vigorous growth, and by the end of May they stood quite 3 feet high in the boxes in which they were raised. No other experiments were made during the year.

94. No experiments of exotics have been made in the Ahmednagar and SholápurDivisions.

(*d*).—Exploitation of Major Forest Produce.

(*1*).—*Clear or Regeneration Fellings.*

95. In the East Khándesh Division clear fellings of bábul were made in 5 coupes of the year in the Bhusával and Edlábád ranges, and in addition to this a clearing of over 520 acres of disforested land was made in the Chopdá Range. Further in the Jámner Range, the trees standing upon several occupied and revenue waste lands were felled yielding 15,000 teak pieces.

96. In West Khándesh clear fellings were made at Ubhand in the Nizámpur Range and 200,000 cubic feet of kheir (Acacia catechu) and inferior kind of firewood were cut and sold departmentally during the year under report.

97. In the Násik Division no clear fellings properly so called were undertaken during the year. In the river side bábul reserves many trees were levelled by floods and by high winds in the Niphád Range, and the wood yielded by them was given to the Mámlatdár for the use of famine relief kitchens.

98. In the Ahmednagar Division clear fellings were confined to bábul reserves, the material being exploited under the coupe system by the contractor or purchaser. Coupes thus exploited were sown with seeds during the following rains. The following statement gives the number of cubic feet of timber thus removed and the amount realized by sale:—

No.	Range.	Name of block.	No. of compartment.	Area.	No. of trees.	No. of cubic feet.	Amount realized in auction sale.	Remarks.
				A. g.			Rs. a. p.	
1	Nagar	Nalegaon	6	3 12	313	929	291 0 0	
2	Shrigonda ...	Kawthe	6, 7	8 9	1,249	5,823	335 0 0	
		Wangdari	6, 7	33 35	2,063	3,451	200 0 0	
		Ajnuj...	4, 5	9 28	822	1,599	76 0 0	
3	Sheogaon ...	Zorapur	5	2 3	153	1,487	50 0 0	
		Ghewri	5, 6	10 34	654	1,630	84 0 0	
4	Ráhuri	Deolali	6	8 18	1,442	2,295	110 0 0	
		Hanumantgaon ...	7	5 16	710	450	31 0 0	
5	Kopargaon ...	Sanwatsar	6	6 10	21	23	3 8 0	
		Malegaon Thadi ...	6	8 13	238	697	14 0 0	
		Singnapur	6	6 18	99	225	21 0 0	
		Sangvibhusar ...	6	6 35	15	12	1 6 0	
		Mursatpur	6	3 8	22	23	4 0 0	
		Morwis	6	3 6	111	540	9 0 0	
		Velapur	6	5 22	110	549	9 4 0	
		Sanwatsar	7	7 9	179	315	34 0 0	
		Kumbhari	7	7 33	225	585	15 0 0	
		Kokamthan	7	5 38	59	225	70 0 0	
		Suregaon	7	2 22	261	720	20 4 0	
		Dharangaon	7	4 22	206	900	27 0 0	
		Kumbhari	7	4 6	261	1,935	71 0 0	
		Sanwatsar	7	6 26	200	450	41 0 0	
		Kokamthan	6	5 1	219	360	48 0 0	
		Wari	7	6 18	236	1,485	136 0 0	
6	Sangamner ...	Jorwe...	6	4 12	368	3,500	609 0 0	
		Pimparne	3	9 33	231	1,121	40 0 0	
		Total ...	30	186 7	10,467	31,320	2,350 6 0	